AMPROBE®



Data Sheet

# DM73C
## Pen Probe Style Digital Multi-Tester

- 600 V AC and 600 V DC ranges
- Cat III 300 V safety rated
- Cat II 600 V safety rated
- Improved DC basic accuracy 0.5%
- Resistance to 34 MΩ
- Continuity beeper
- Includes alligator clip, ground test lead, spare probe tip and installed batteries
- 3400-count digital display plus analog bargraph
- Auto power off
- UL 3111-1 listed



## No hassle warranty

***No waiting.***

***No shipping charges.***

Our commitment to high-quality products and customer service is demonstrated by our industry exclusive "No Hassle" warranty. In the unlikely event that an Amprobe Test Tool requires warranty service, any of our local dealers are authorized to replace it, on the spot.

(note: $500 MSLP limit)

**Included Accessories**
Test lead with alligator clip,
2 batteries (installed), spare tip,
and users manual.

**Optional Accessories**

| | |
|---|---|
| TL73B | Replaceable ground test lead with alligator clips |
| VC11 | Vinyl Case |
| TP73B | Replaceable probe tips |



CAT III 300V CAT II 600V c UL US N10140 CE

# DM73C Digital Multi-Tester

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## General Specifications

| | |
|---|---|
| **Display:** | 33/4-digit LCD, 3400 count |
| **Measuring Rate:** | 2.5/ second nominal |
| **Bargraph:** | 34 segments – updated 20 readings per second |
| **Operating Temperature Range:** | 0 to 40° C, 80% RH |
| **Storage Temperature Range:** | -20 to 60° C, 70% RH |
| **Environmental:** | Intended for indoor use, altitude up to 2000 m |
| **Measurement Accuracy:** | x0.1/C°; Batteries: 2x LR44, SR44 or S76 |
| **Life:** | 100 hours nominal; Auto Power Off: After 10 minutes |
| **Dimensions:** | 7.8˝ x 1.1˝ x 1.4˝ |
| **Weight:** | 4 oz. |

## Specifications at 23 °C ± 5 °C; < 75 % R.H. non-condensing

| Function | Range | Accuracy |
|---|---|---|
| **DC Voltage** | | |
| | 340 mV, 3.4, 34, 340 V, 600 V | ± (0.5 % rdg + 2 dgt) |
| **Resolution** | 0.1 mV in 3.4 V range | |
| **Input Impedance** | 340 mV range: >100 MΩ | |
| **Other ranges:** | 10 MΩ | |
| **AC Voltage (50-500 Hz)** | | |
| | 3.4 V, 34, 340, 600 V | ± (1.5 % rdg + 8 dgt) |
| **Resolution** | 0.1 mV in 3.4 V range | |
| **Input Impedance** | 10 MΩ | |
| **Resistance** | | |
| **340 Ω , 3.4, 34, 340 kΩ , 3.4, 34 MΩ** | 340 Ω - 340 kΩ | ± (1.0 % rdg + 4 dgt) |
| | 3.4 MΩ | ± (1.5 % rdg + 4 dgt) |
| | 34 MΩ | ± (3.0 % rdg + 5 dgt) |
| **Max. Open Circuit Voltage** | 340Ω range: - 1.2 V | |
| **All others:** | - 0.45 V | |
| **Diode Test** | | |
| | 3.4 V | ± (2.0 % rdg + 3 dgt) |
| **Short Circuit Current** | 1.0 mA | |
| **Max Open Circuit Voltage** | 3.0 VDC | |
| **Audible Indication** | < 0.2 V | |
| **Continuity Test** | | |
| **Display Response** | <0.5 s | |
| **Continuity Threshold** | ± 35 Ω | |
| **Overload Protection** | | |
| **DC and AC Voltage** | 600 VDC or AC RMS | |
| **Resistance\Continuity\Diode** | All ranges 600VDC or VAC RMS | |

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